Attorney Docket No. 223252 Client Reference No. 304082.01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Hiu-Ming Eric Lam et al.

Group Art Unit: Unassigned

Application No. Unassigned

Examiner: Unassigned

Filed: November 14, 2003

For: A System and Method for Object-Oriented

Interaction with Heterogeneous Data Stores

INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Pursuant to 37 CFR 1.97 and 1.98, the references listed on the enclosed Form PTO-1449 and/or Substitute Form PTO-1449 ("Form 1449") are submitted for consideration by the Examiner in the examination of the above-identified patent application.

The full consideration of the references in their entirety by the Examiner is respectfully requested and encouraged. Also, it is respectfully requested that the references be entered into the record of the present application and that the Examiner place his or her initials in the appropriate area on the enclosed Form 1449, thereby indicating the Examiner's consideration of each of the references.

The submission of the references listed on the Form 1449 is for the purpose of providing a complete record and is not a concession that the references listed thereon are prior art to the invention claimed in the patent application. The right is expressly reserved to establish an invention date earlier than the above-identified filing date in order to remove any reference submitted herewith as prior art should it be deemed appropriate to do so.

Further, the submission of the references is not to be taken as a concession that any reference represents art that is relevant or analogous to the claimed invention. Accordingly, the right to argue that any reference is not properly within the scope of prior art relevant to an examination of the claims in the above-identified application is also expressly reserved.

The Information Disclosure Statement is being filed:

within any one of the following time periods: (a) within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d); (b) within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 of an international application; (c) before the mailing date

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	of a first Office Action on the merits; or (d) before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.						
	after (a), (b), (c) or (d) above, but before the mailing date of a final action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and includes <i>one</i> of:						
	the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below).						
	the fee of \$180 set forth in 37 CFR 1.17(p) (see "Fees" below).						
	after the mailing date of a final action under 37 CFR 1.113 or a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and on or before payment of the issue fee, and includes the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below).						
	after the mailing date of a Notice of Allowance under 37 CFR 1.311, and on or before payment of the issue fee, and within thirty days of receiving each item of information contained in the Information Disclosure Statement, and includes the Statement under 37 CFR 1.704(d) (see "Statement under 37 CFR 1.704(d)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below). NOTE: This is for original applications except applications for a design patent, filed on or after May 29, 2000, wherein a paper containing only an Information Disclosure Statement in compliance with 37 CFR 1.97 and 1.98 is being filed.						
Copie	s of the References						
	Copies of the non-patent (US) references listed on the enclosed Form 1449 are enclosed herewith. Attached to each reference not in the English language is a concise explanation of the relevance pursuant to 37 CFR 1.98(a)(3). An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of the relevance pursuant to 37 CFR 1.98(a)(3).						
	A copy of the foreign search report is enclosed herewith.						
	The references listed on the enclosed Form 1449 were previously identified in the parent application(s) of the present application, and copies of the references were furnished at that time. Accordingly, additional copies of the references are not submitted herewith, so as not to burden the file with duplicate copies of references. The Examiner is respectfully requested to carefully review the references in accordance with the requirements set out in the Manual of Patent Examining Procedure. In accordance with 37 CFR 1.98(d), the details of the parent application(s)						

In re Appln. of Hiu-Ming Eric Lam Application No. Unassigned

relied upon for an earlier filing date under 35 USC 120 in which copies of the references were previously furnished are set out below:

U.S. APPLI	CATIONS	Status (check one)					
U.S. APPLICATIONS	U.S. FILING DATE	PATENTED	PENDING	ABANDONED			
1.							
2.							
3.							

3.					
Staten	nent under 37 CFR	1.97(e)			······································
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	Information Disclosoffice in a counte undersigned after m Information Disclosofficers.	hereby states that no sure Statement was cited rpart foreign patent ap naking reasonable inquir osure Statement was ke ore than three months int.	in a communi plication, and y, no item of it known to any	ication from a , to the known information of , individual	a foreign patent owledge of the contained in the designated in
Staten	nent under 37 CFR	1.704(d)			
	Information Disclosoffice in a counterpany individual desi	hereby states that each sure Statement was cited part application and that gnated in 37 CFR 1.56(a) Disclosure Statement.	in a communit this commun	ication from a ication was i	a foreign patent not received by
Fees					
	No fee is owed by the IDS Fee of \$18	he applicant(s). 30 under 37 CFR 1.17(p)	is enclosed he	erewith.	
Metho	od of Payment of Fe	es			
		in the amount of \$ count No. 12-1216 in the		. (A dı	uplicate copy of

In re Appln. of Hiu-Ming Eric Lam Application No. Unassigned

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If any additional fees are owed in connection with this communication, please charge Deposit Account No. 12-1216. (A duplicate copy of this communication is enclosed for that purpose.)

Instructions as to Overpayment

Credit Account No. 12-1216.

Richard P. Dodson, Reg. No. 52,824 LEYDIG, VOIT & MAYER, LTD. Two Prudential Plaza, Suite 4900 180 North Stetson Chicago, Illinois 60601-6780 (312) 616-5600 (telephone) (312) 616-5700 (facsimile)

Date: November 14, 2003

CERTIFICATE OF MAILING

I hereby certify that this INFORMATION DISCLOSURE STATEMENT (along with any documents referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

IDS (Revised 5/21/03)

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Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary) Sheet of

Complete if Known					
Application Number	Unassigned				
Filing Date	November 14, 2003				
First Named Inventor	Hiu-Ming Eric Lam				
Group Art Unit	Unassigned				
Examiner Name	Unassigned				
Attomey Docket Number	223252				

	U.S. PATENT DOCUMENTS							
		U.S. Patent Dod	zument	t				
Examiner Initials	Doc. No.	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate		
	AA	6,018,743		Xu	01/25/2000			
	AB	6,366,921	B1	Hansen et al.	04/02/2002			
	AC	2003/0120628	A1	Salo et al.	06/26/2003			
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Examiner Initials	Doc. No.	Office	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Yes	No*+
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Dabases", Proceedings 23 rd Euromicro Conference: New Frontiers of Information Technology, pp. 41-46 (1997) AE Bernstein et al., "Microsoft Repository Version 2 and the Open Information Model",		(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Yes	No**
	AD	Dabases", Proceedings 23rd Euromicro Conference: New Frontiers of Information		
	AE			
		No.	No. (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published. A D Bergamaschi et al., "Object Wrapper: an Obect-Oriented Interface for Relational Dabases", Proceedings 23 rd Euromicro Conference: New Frontiers of Information Technology, pp. 41-46 (1997) A E Bernstein et al., "Microsoft Repository Version 2 and the Open Information Model",	Doc. No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published. A D Bergamaschi et al., "Object Wrapper: an Obect-Oriented Interface for Relational Dabases", Proceedings 23 rd Euromicro Conference: New Frontiers of Information Technology, pp. 41-46 (1997) A E Bernstein et al., "Microsoft Repository Version 2 and the Open Information Model",

Examiner Signature	Date Considered	

^{*} A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).